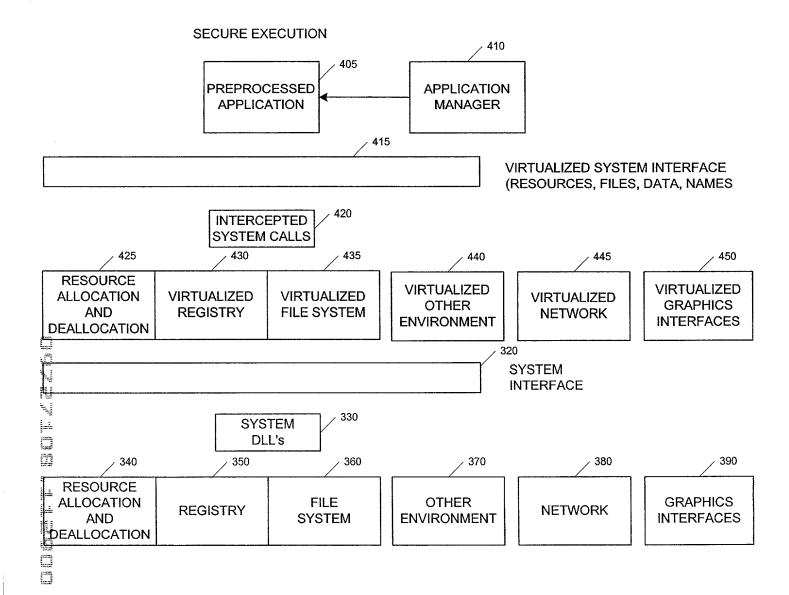
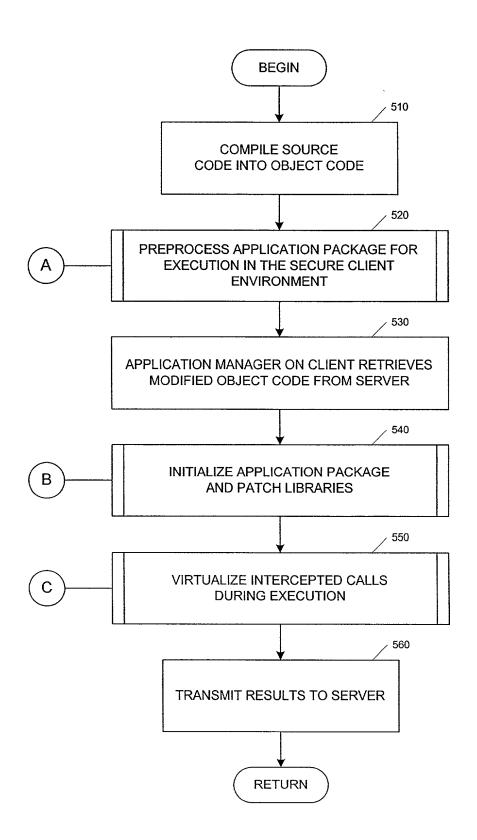


OPERATING SYSTEM





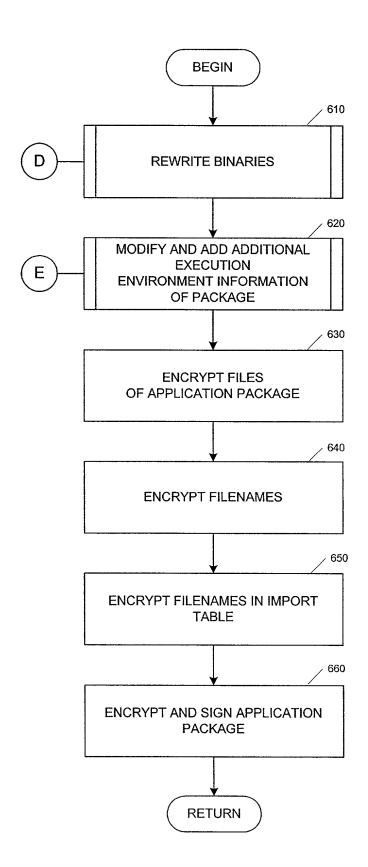
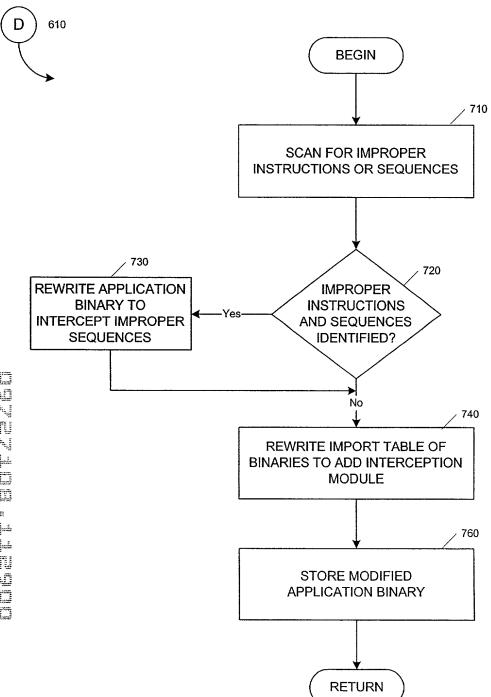


FIG. 6





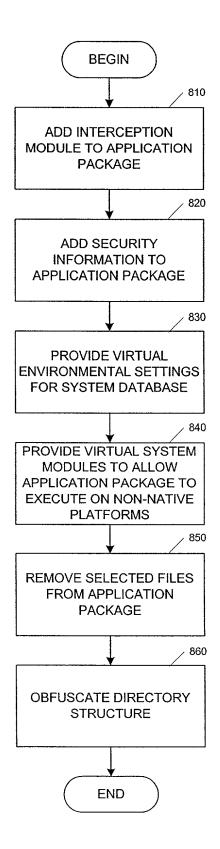


FIG. 8

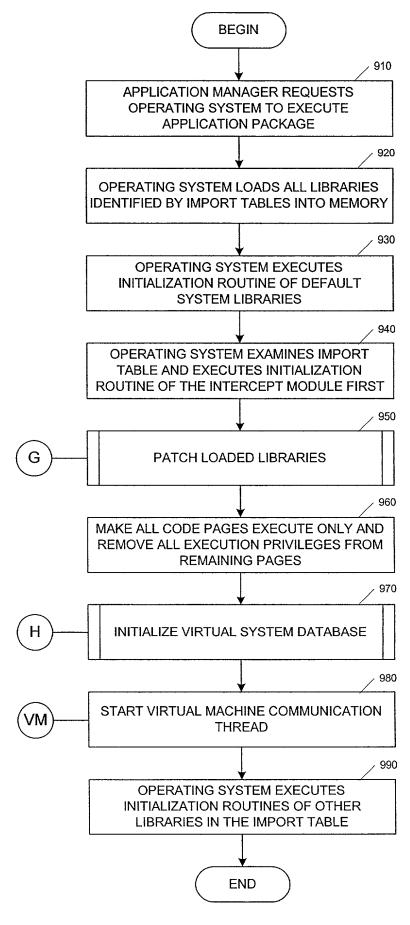
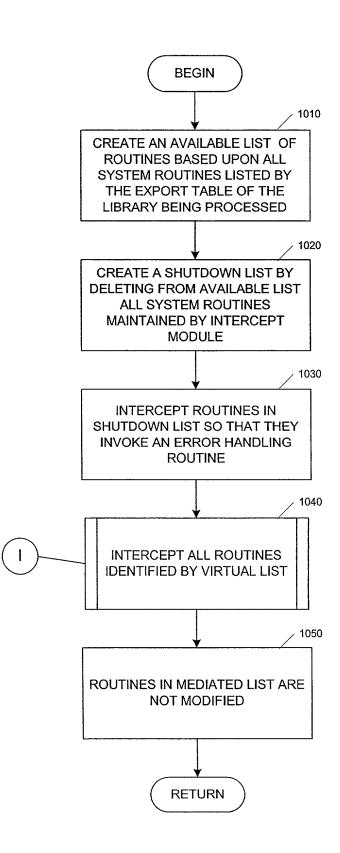


FIG. 9



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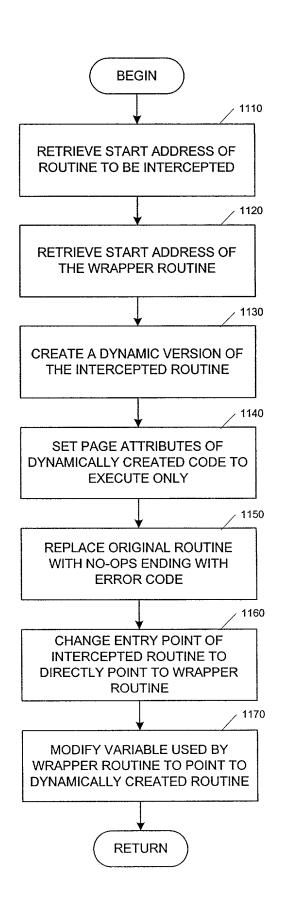


FIG. 11

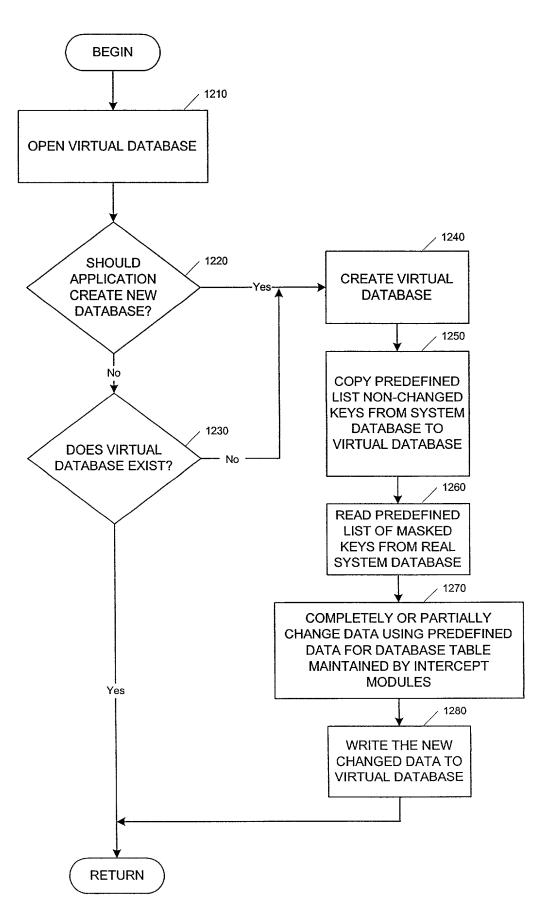


FIG. 12

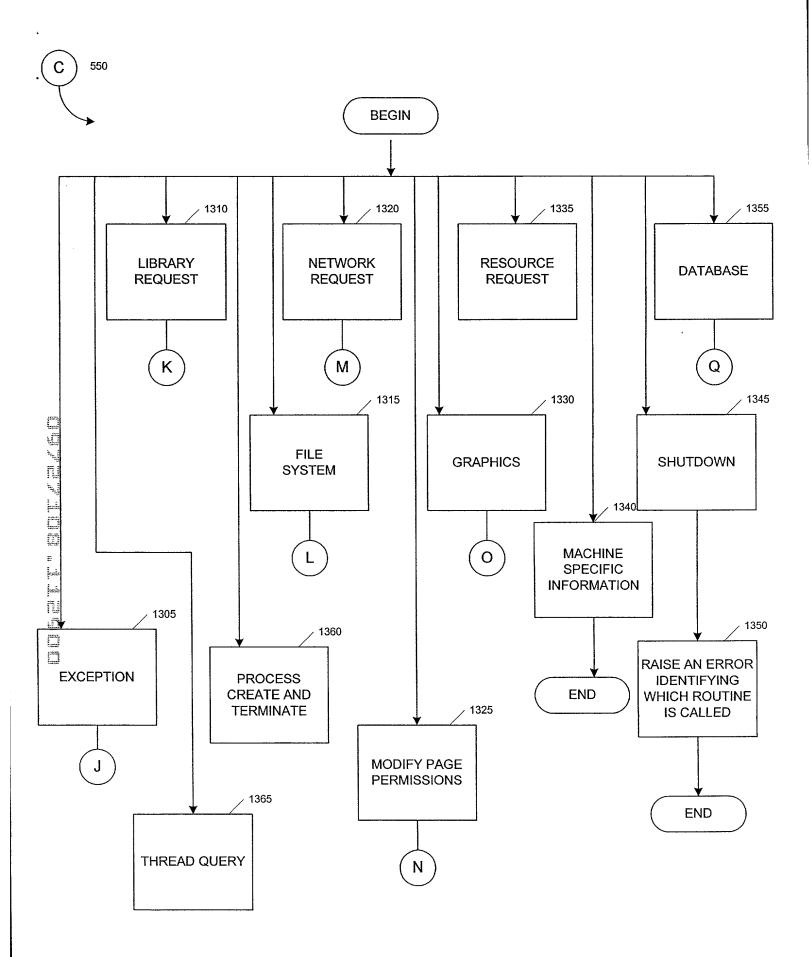


FIG. 13

FIG. 14

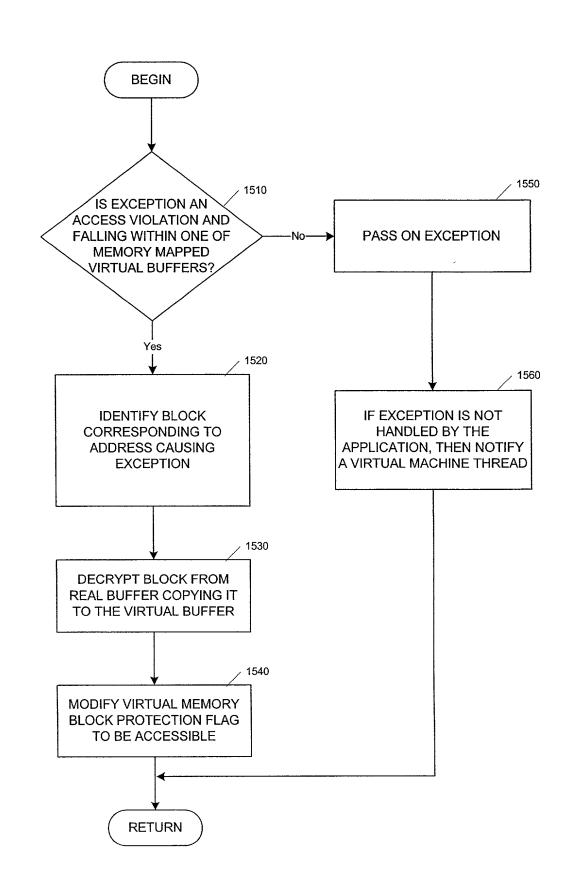
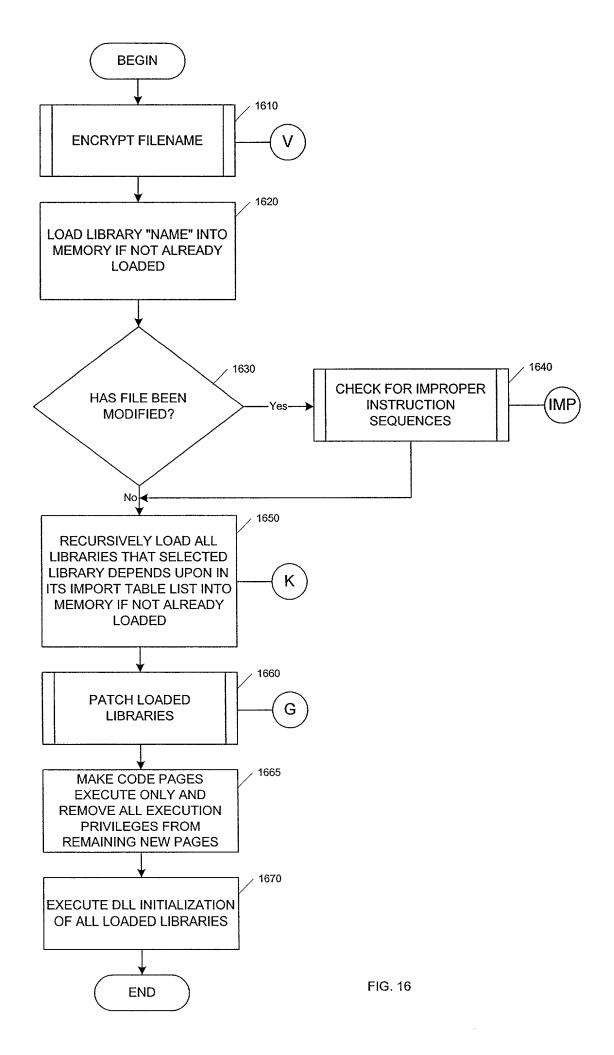
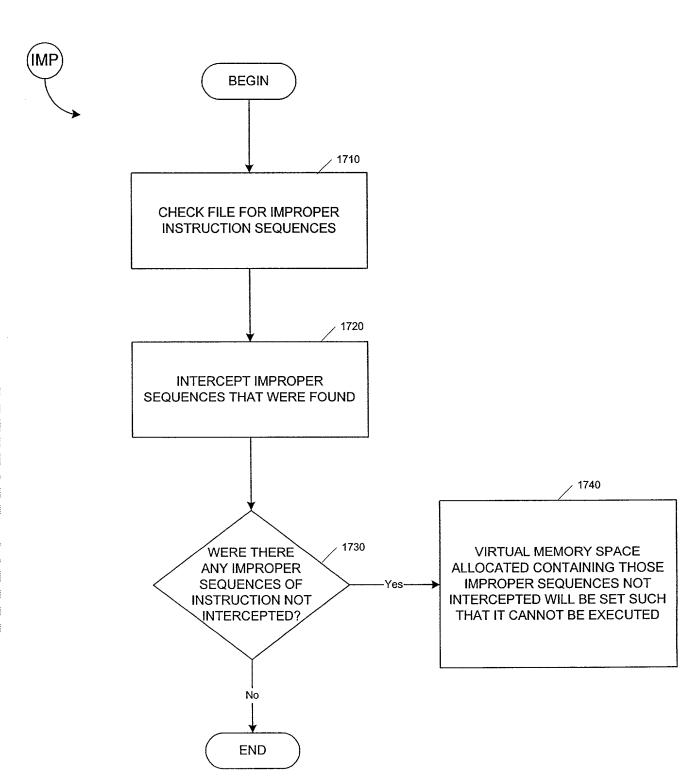
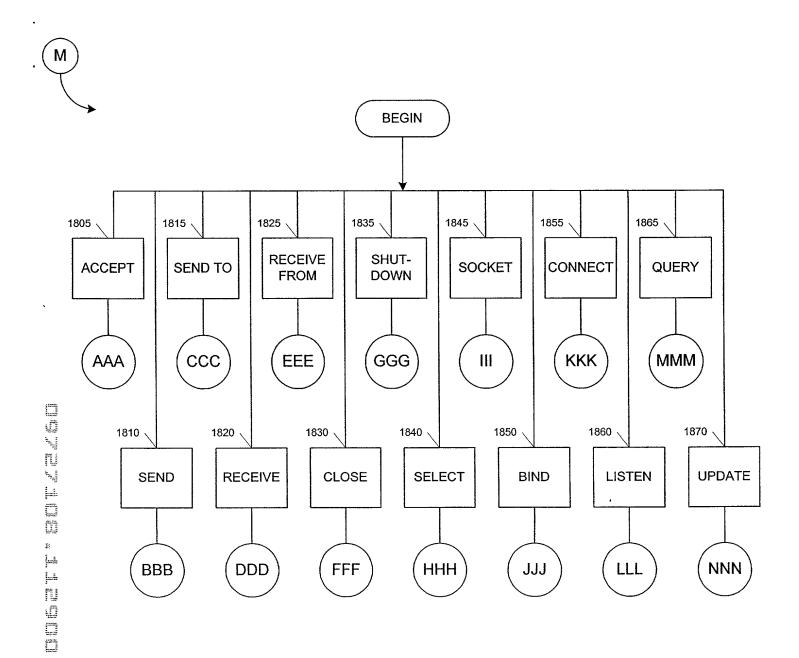


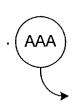
FIG. 15











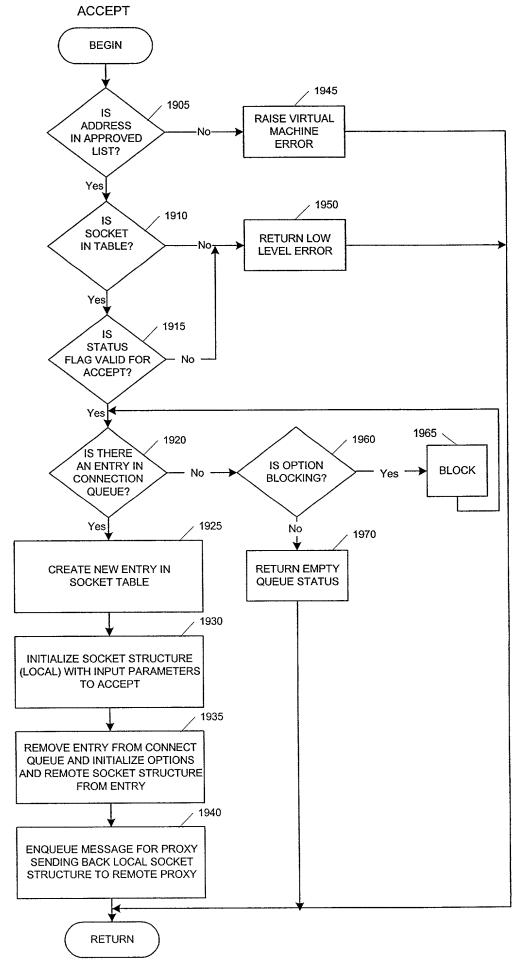


FIG. 19



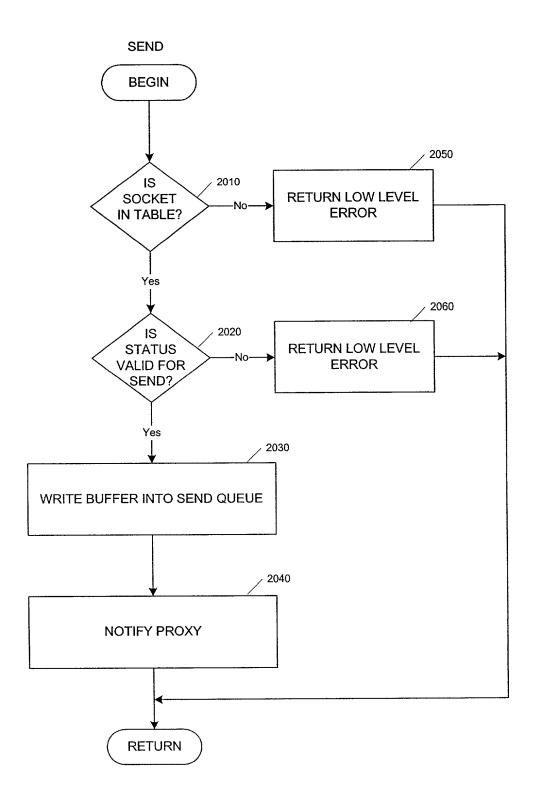
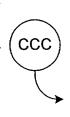


FIG. 20



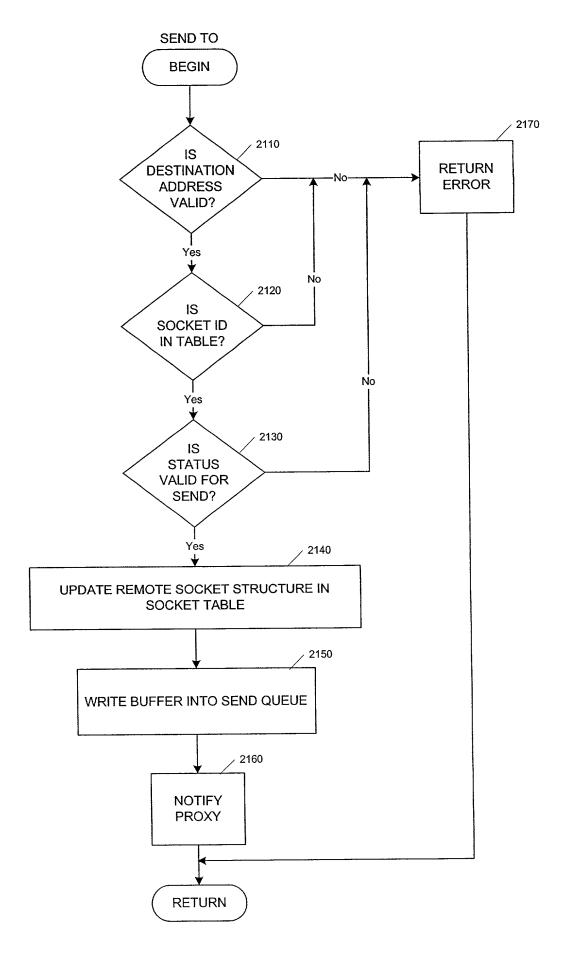


FIG. 21

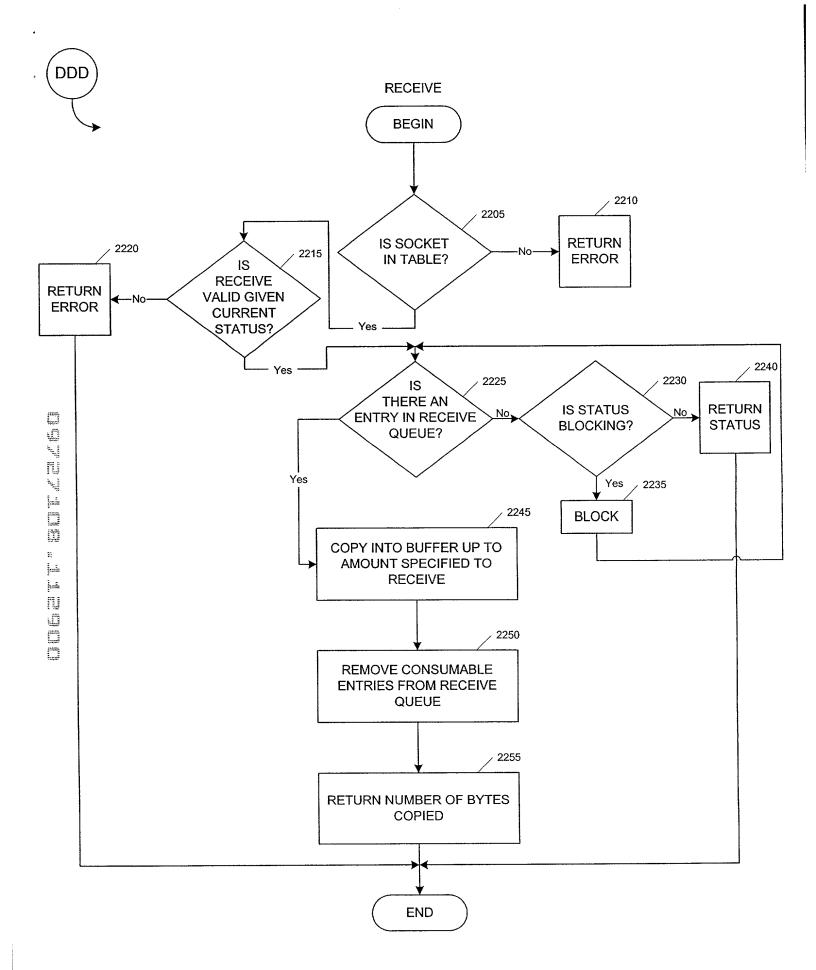


FIG. 22

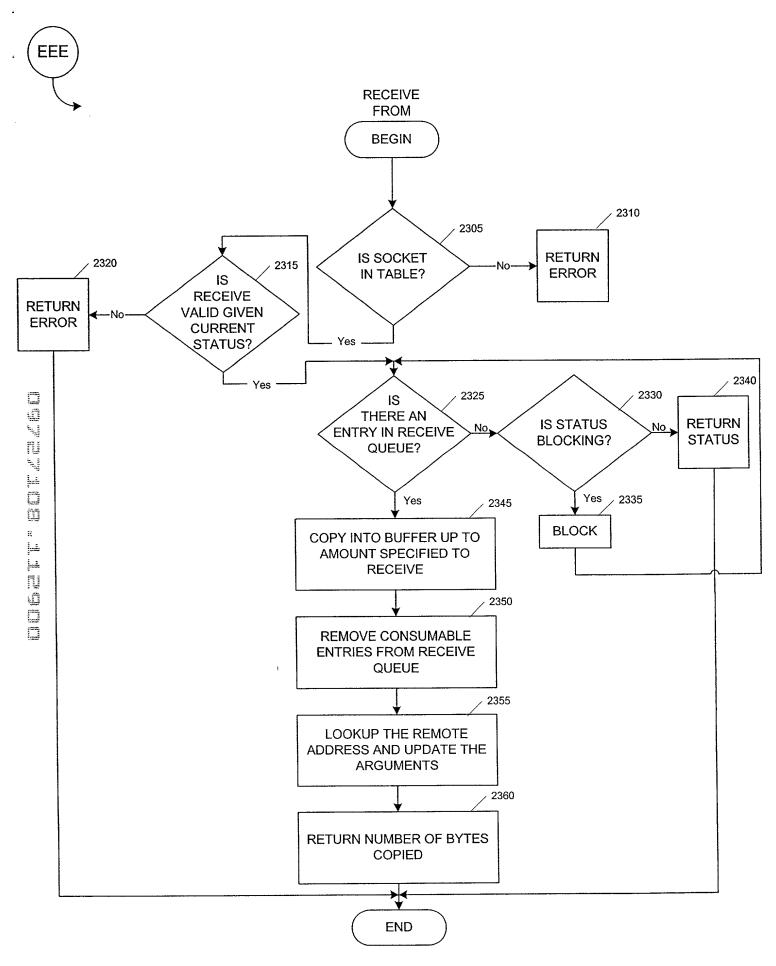


FIG. 23



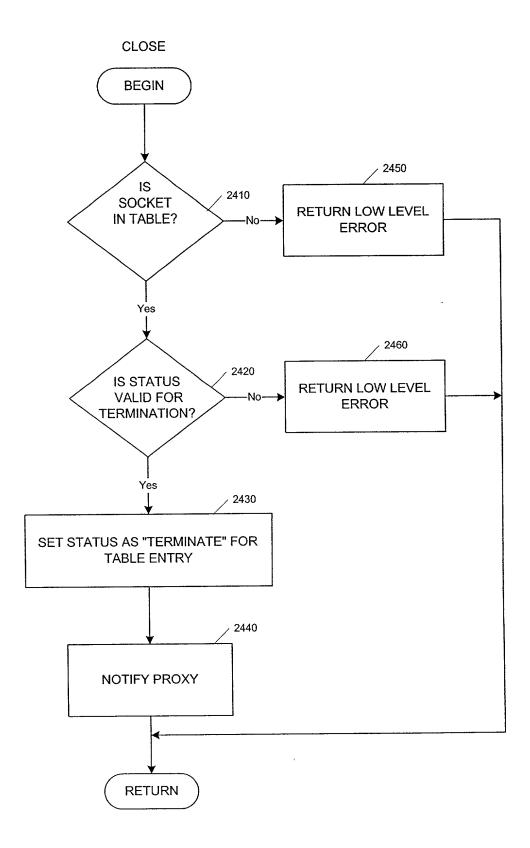
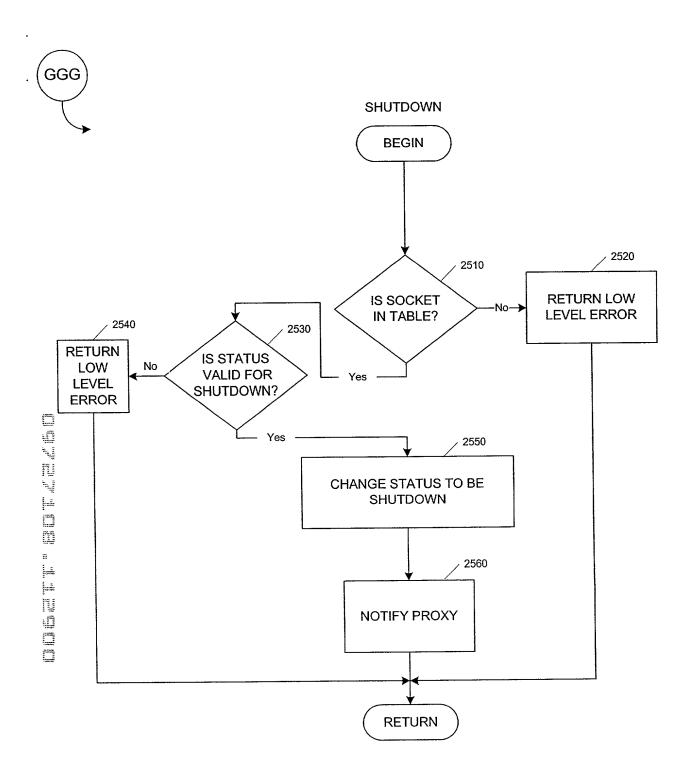
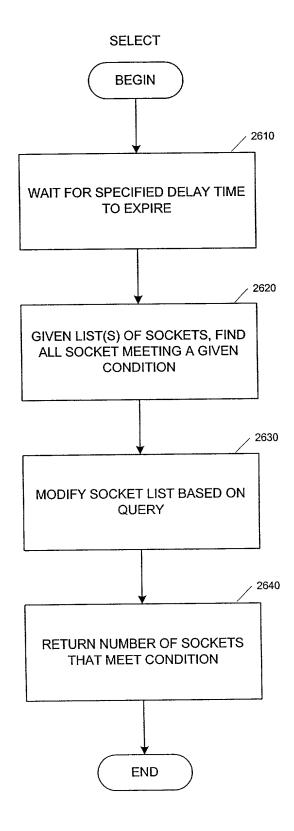


FIG. 24

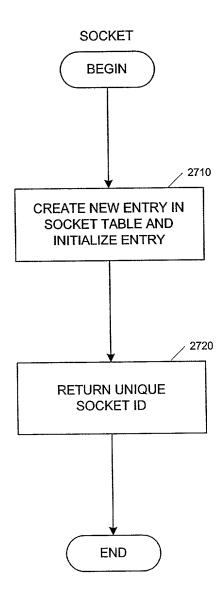


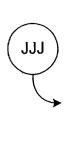




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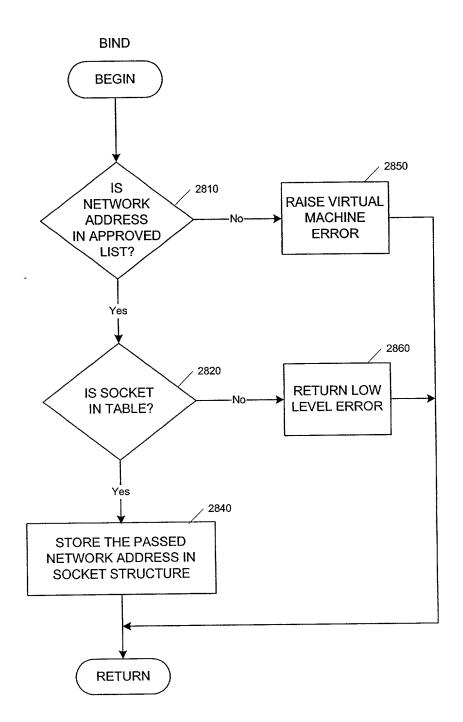


FIG. 28



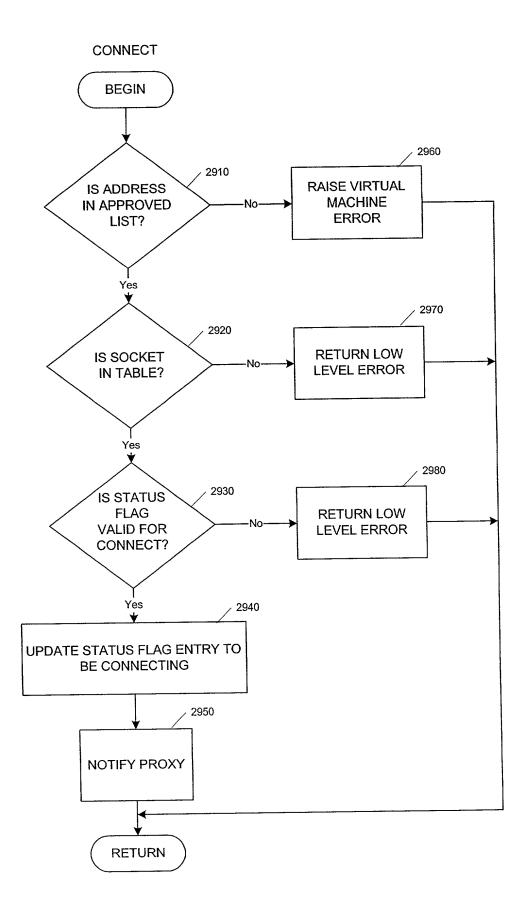
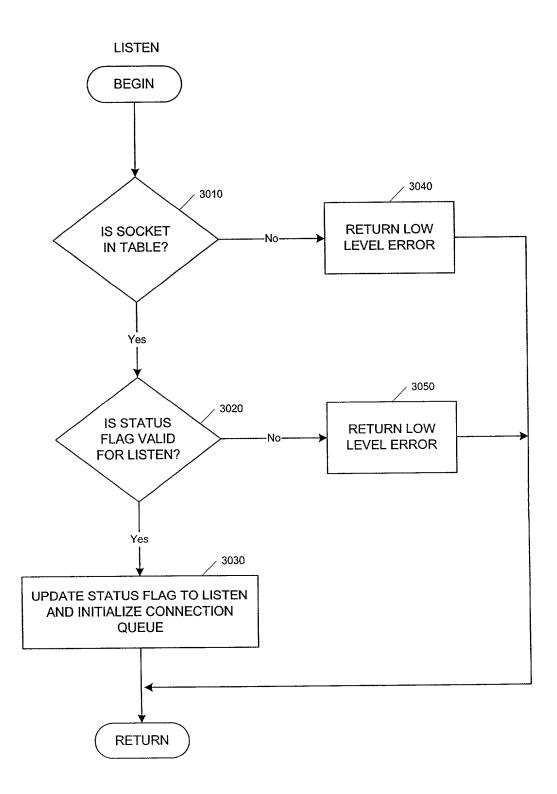
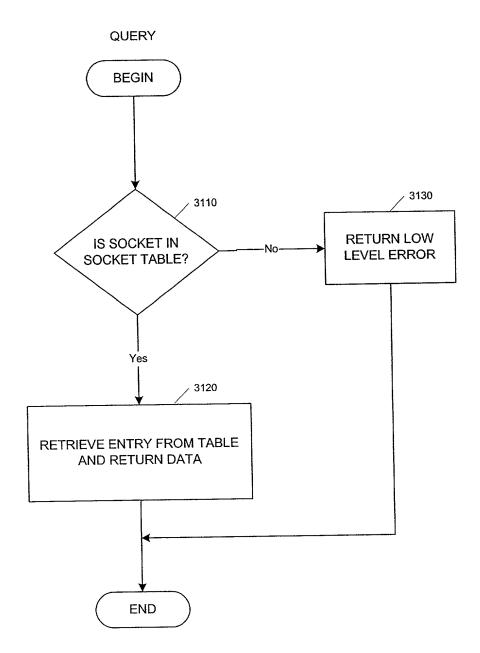


FIG. 29

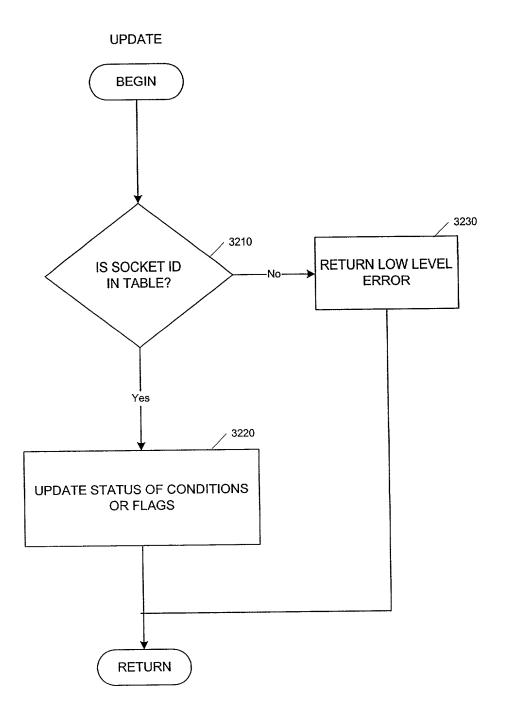












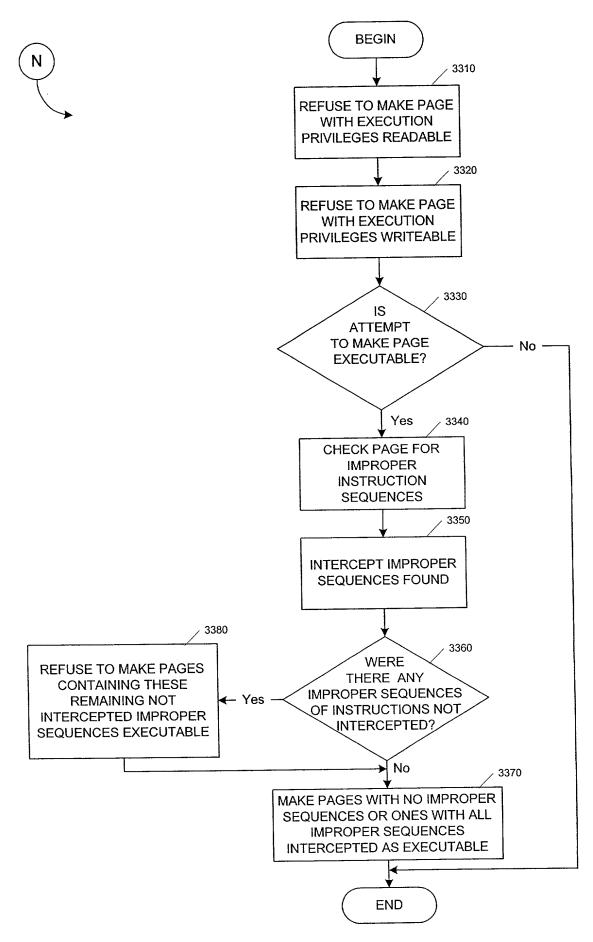
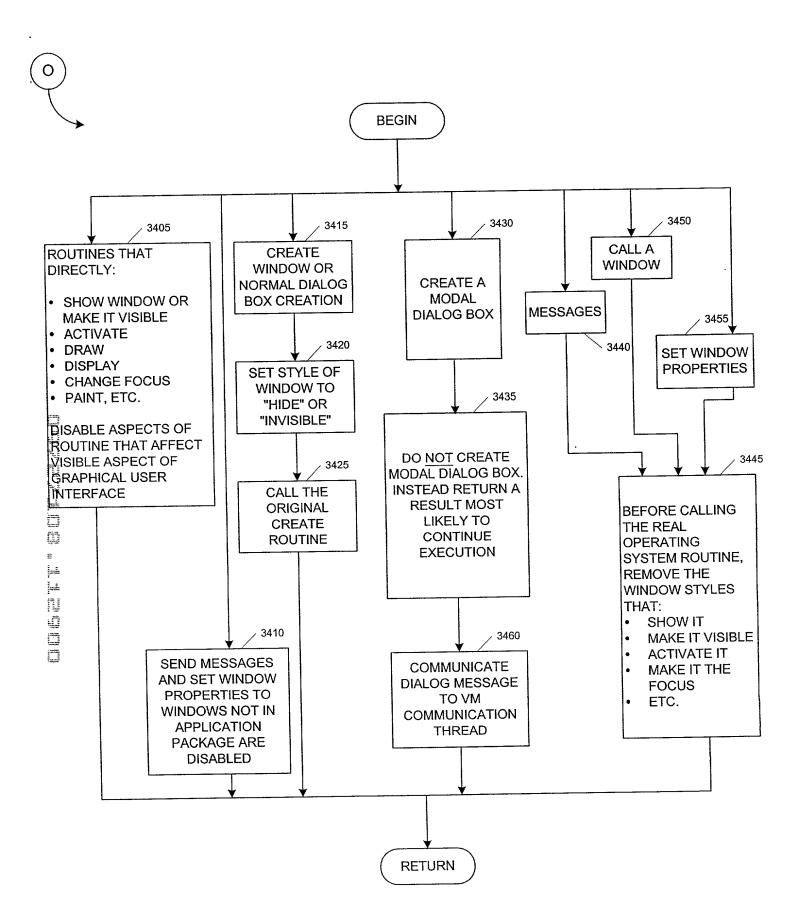
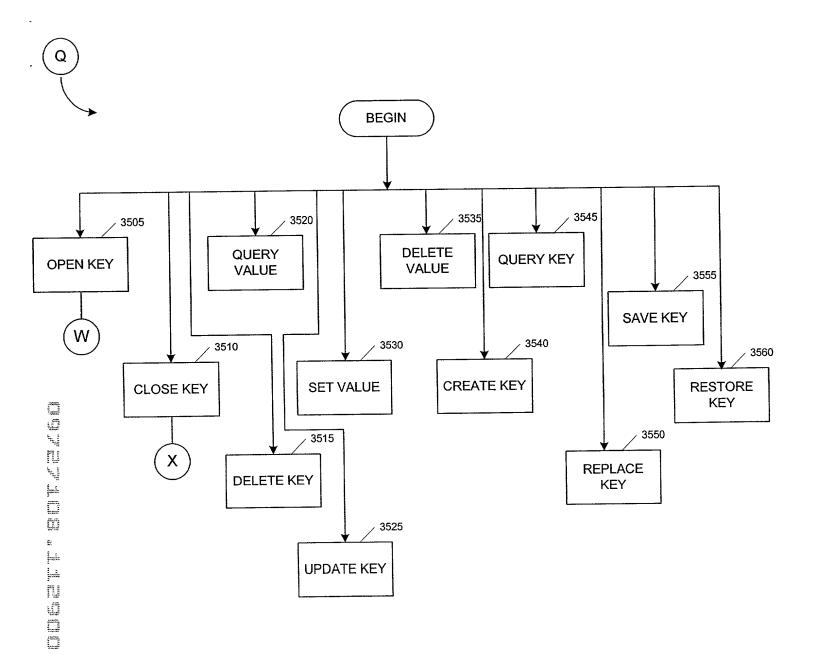


FIG. 33





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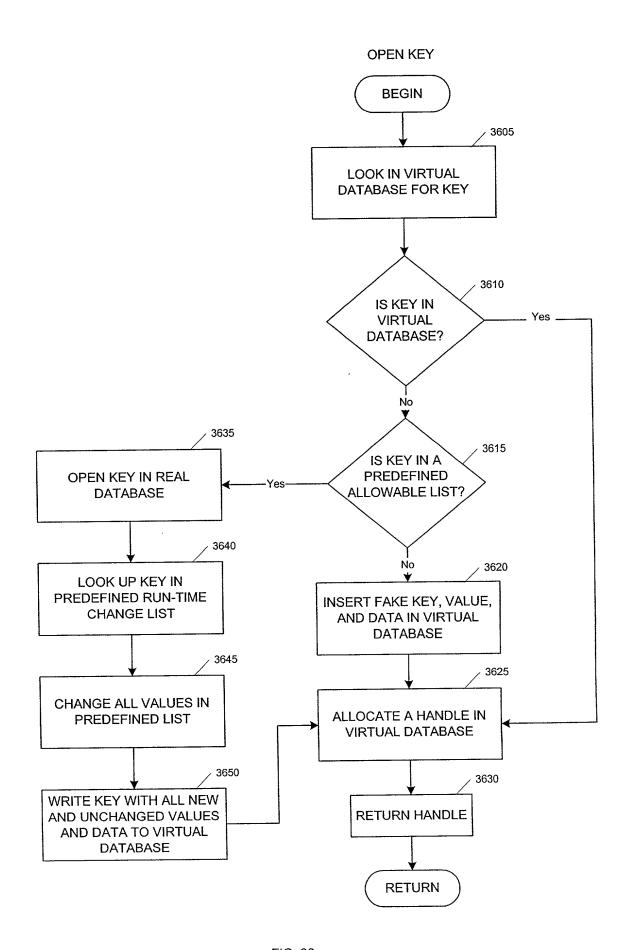
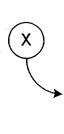
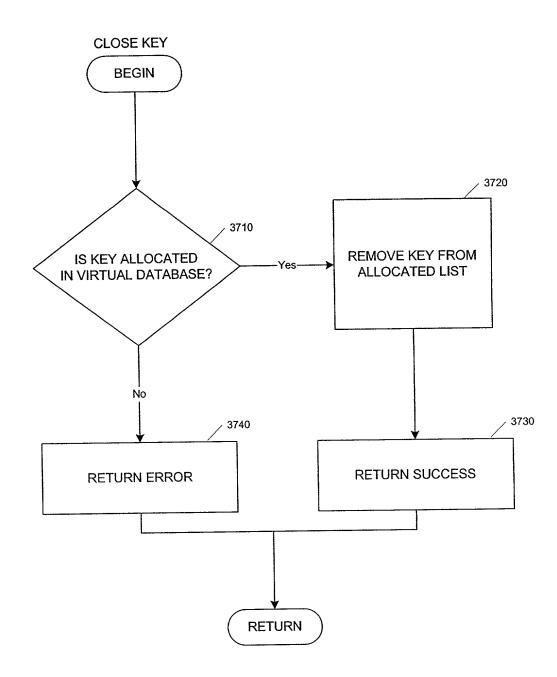


FIG. 36





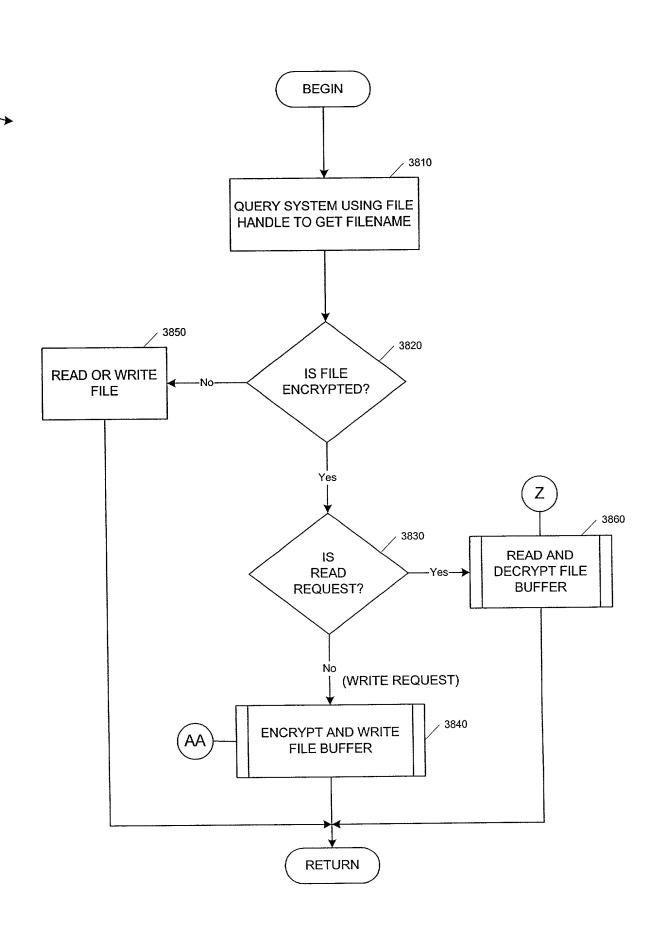
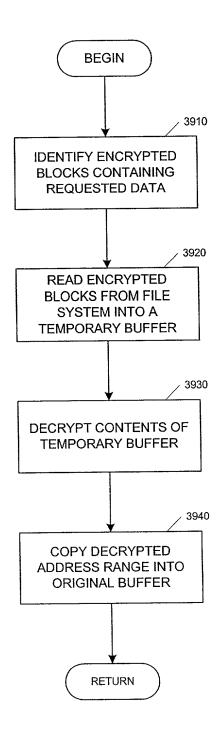


FIG. 38







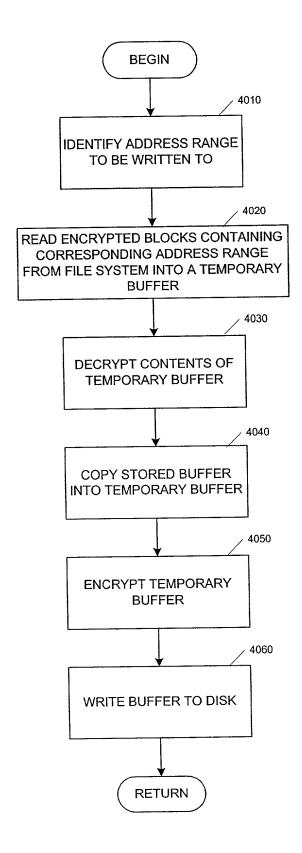


FIG. 40

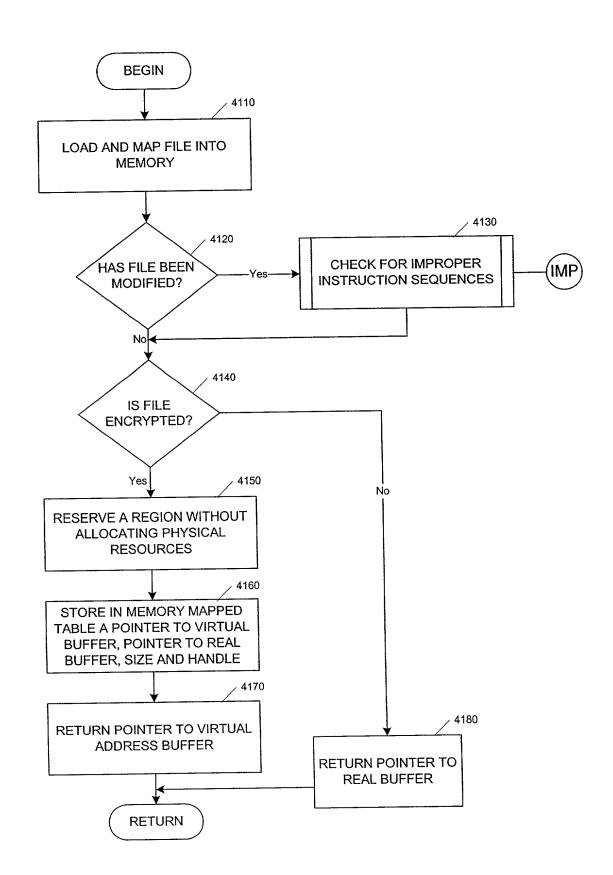
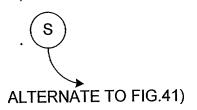
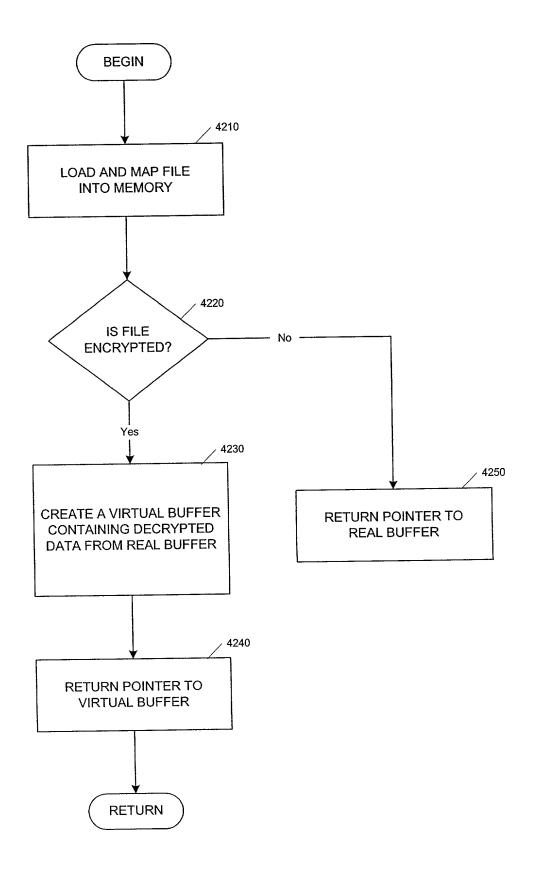


FIG. 41





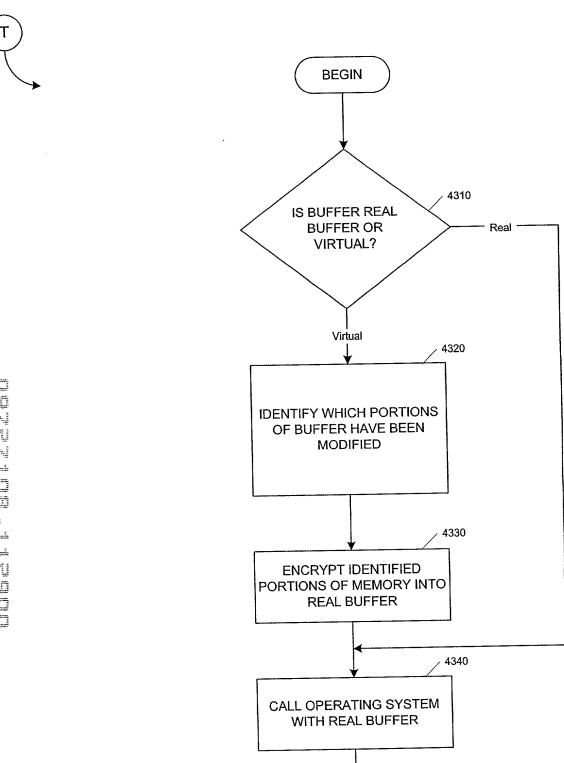
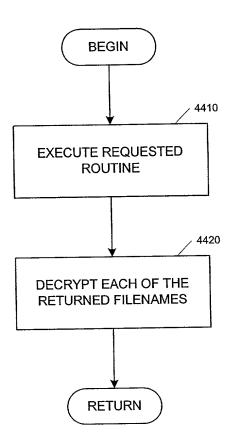
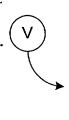


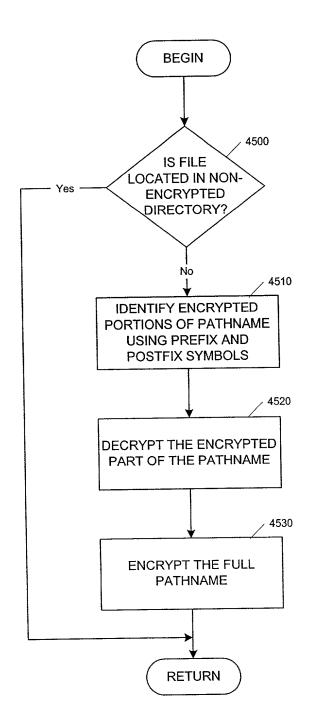
FIG. 43

RETURN

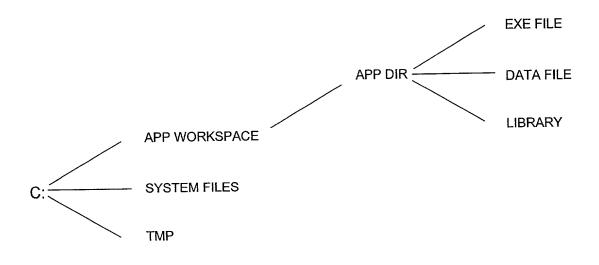




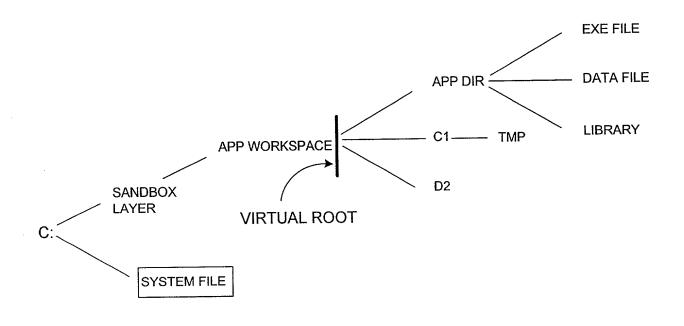




TRADITIONAL SYTEM LAYOUT



VIRTUALIZED SYTEM LAYOUT



SOCKET TABLE

4832	CONNECTION QUEUE				
4828	RECEIVE QUEUE				
4824	SEND QUEUE				
4820	SOCKET				
4816	SOCKET				
V 4812	REMOTE SOCKET STRUCTURE				
4804	"ENTRY" LOCAL SOCKET STRUCTURE				
4800					

SOCKET STRUCTURE

- UNIQUE SOCKET ID
- SOCKET TYPE
- PROTOCOLS
- OPTIONS
- NETWORK ADDRESSES
- EVENT
- FAMILY
- BLOCKING

SOCKET STATUS

- UNCONNECTED
- RECEIVING
- SENDING
- LISTENING
- CONNECTED
- DISCONNECTED
- TERMINATED
- SHUTDOWN
- BOUND

- CONNECTING

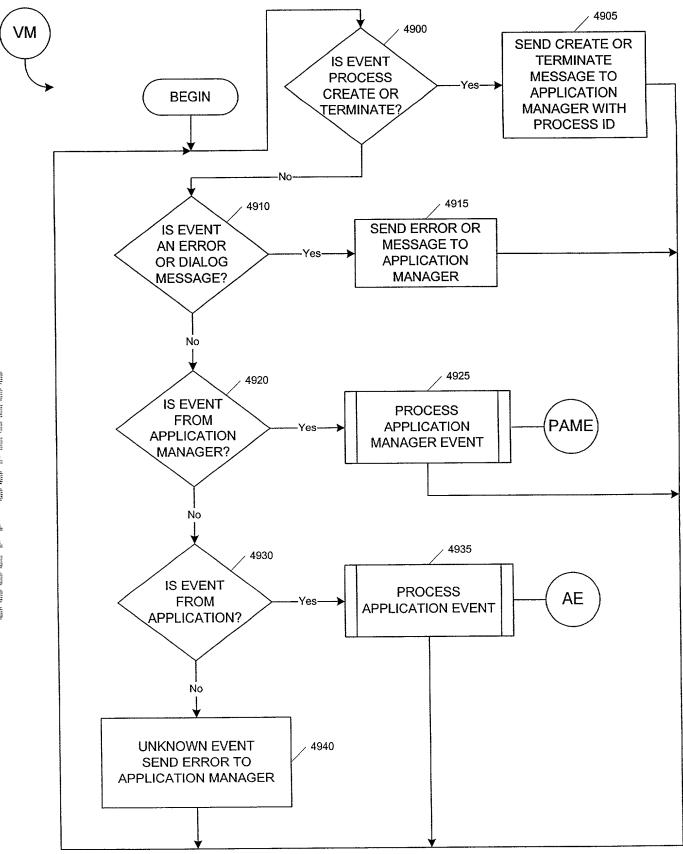


FIG. 49

